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12	UNITED STATES DISTRICT COURT		
13	NORTHERN DISTRICT OF CALIFORNIA		
14	SAN FRANCISCO DIVISION		
15	15		
16	ORACLE AMERICA, INC.,		3:10-cv-03561 WHA
17	Plaintiffs,	WITNES	E INC.'S LIST OF EXPERT SES
18	V.	ъ.	C
19	GOOGLE INC.,	Dept. Judge:	Courtroom 8, 19 th Fl. Hon. William Alsup
20	Defendant.		
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In response to the Court's order (ECF 1812), Google submits the following list of expert witnesses in approximate order. Google provides a short description of expected testimony, which is not intended to be exhaustive or limit the scope of the experts' testimony in any way.

- 1. Dr. Rick Cattell is a former Sun employee and Distinguished Engineer, and a preeminent computer scientist whose work focuses on database programming. Dr. Cattell was disclosed as both a fact witness and an expert witness, and his testimony is based on his professional knowledge and experience. Dr. Cattell is expected to testify about Application Programming Interfaces ("APIs"), including what APIs are, the importance of APIs and their reimplementations, and industry practices regarding APIs.
- 2. Mr. Andrew Hall, a practicing attorney and trained computer scientist, is an expert in open source licensing. Mr. Hall is expected to testify regarding different open source licenses, the business models they enable, about "linking" software to functionality in Java libraries, and about the extent to which Google could use the accused declarations/SSO from OpenJDK.
- 3. Dr. Gregory Leonard is a Ph.D. economist who is expected to offer opinions regarding the first and fourth fair use factors, including the issue of whether Google's use of the declarations/SSO of the 37 Java SE API packages caused harm to the market for Oracle's copyrighted works. He is also expected to offer opinions rebutting Oracle's claims for disgorgement and lost profits damages resulting from Google's use of copyrighted materials in Android.
- 4. Dr. Owen Astrachan is Professor of the Practice of Computer Science at Duke University and the computer science department's Director of Undergraduate Studies. Dr. Astrachan is Google's primary expert on technical issues related to fair use, and he has extensive experience programming in and teaching Java. He is expected to testify regarding the technical background of the copyrighted work and Android, technical aspects of the accused declarations/SSO and their use by Google, Google's transformation of the declarations/SSO, the amount and substantiality of Google's use of the declarations/SSO, and the effect of Google's use of the declarations/SSO on Sun/Oracle.

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1	5. Dr. Itamar Simonson is a professor of marketing at Stanford, and is expected to			
2	present testimony concerning a survey that he conducted of applications developers regarding the			
3	reasons that developers choose to write applications for mobile platforms.			
4	D. I.M. C. 201C			
5	Dated: May 6, 2016 KEKER & VAN NEST LLP			
6	By: s/Robert A. Van Nest			
7	ROBERT A. VAN NEST CHRISTA M. ANDERSON			
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